

Day : Wednesday

Date: 11/30/2005

Time: 16:45:43

**PALM INTRANET****Inventor Name Search Result**

Your Search was:

Last Name = LENTRICHIA

First Name = BRIAN

<b>Application#</b>	<b>Patent#</b>	<b>Status</b>	<b>Date Filed</b>	<b>Title</b>	<b>Inventor Name</b>
<a href="#"><u>09825482</u></a>	Not Issued	71	04/03/2001	Detection and typing of human papillomavirus using PNA probes	LENTRICHIA, BRIAN
<a href="#"><u>10053349</u></a>	6939672	150	01/15/2002	NUCLEIC ACID EXTRACTION SOLUTION AND USE THEREOF	LENTRICHIA, BRIAN
<a href="#"><u>10286387</u></a>	6936443	150	11/01/2002	DETECTION AND TYPING OF HUMAN PAPILLOMAVIRUS USING PNA PROBES	LENTRICHIA, BRIAN
<a href="#"><u>10323188</u></a>	Not Issued	71	12/18/2002	Detection and typing of human papillomavirus using PNA probes	LENTRICHIA, BRIAN
<a href="#"><u>10738018</u></a>	Not Issued	30	12/17/2003	Novel method for the detection of cancer biomarkers in cervical specimens	LENTRICHIA, BRIAN
<a href="#"><u>11185148</u></a>	Not Issued	19	07/20/2005	Nucleic acid extraction solution and use thereof	LENTRICHIA, BRIAN
<a href="#"><u>60194304</u></a>	Not Issued	159	04/03/2000	DETECTION AND TYPING OF HUMAN PAPILLOMAVIRUS USING PNA PROBES	LENTRICHIA, BRIAN
<a href="#"><u>60261845</u></a>	Not Issued	159	01/15/2001	Nucleic acid extraction solution and use thereof	LENTRICHIA, BRIAN
<a href="#"><u>10618443</u></a>	Not Issued	30	07/11/2003	Methods, compositions and apparatuses for detecting a target in a preservative solution	LENTRICHIA, BRIAN B.
<a href="#"><u>10671929</u></a>	Not Issued	41	09/25/2003	Apparatus and method for separating viral particles from cells	LENTRICHIA, BRIAN B.
<a href="#"><u>10672914</u></a>	Not Issued	71	09/25/2003	Analyte sample detection	LENTRICHIA, BRIAN B.
<a href="#"><u>60225524</u></a>	Not Issued	159	08/15/2000	Use of blocking probes in assaying a genetic sample for	LENTRICHIA, BRIAN B.

				high-risk strains	
<u>60637558</u>	Not Issued	20	12/20/2004	Method for the simultaneous detection of HPV RNA and DNA in a sample	LENTRICHIA, BRIAN B.
<u>06733688</u>	4720465	150	05/14/1985	CENTRIFUGAL KINETIC AGGLUTINATION ASSAY	LENTRICHIA, BRIAN B.
<u>06733689</u>	4721681	150	05/14/1985	IMMUNOASSAY IN CENTRIFUGAL FIELD WITH COMPLEMENTARY PARTICLES OF DIFFERING SPECIFIC GRAVITIES	LENTRICHIA, BRIAN B.
<u>06819095</u>	Not Issued	161	01/15/1986	SPECIFIC BINDING ASSAY EMPLOYING ENZYME ON PARTICLES	LENTRICHIA, BRIAN B.
<u>06840791</u>	4960692	250	03/18/1986	ASSAY EMPLOYING BINDING PAIR MEMBERS ON PARTICLES AND ON A FILTER OR MEMBRANE	LENTRICHIA, BRIAN B.
<u>07299058</u>	Not Issued	161	01/19/1989	BINDING ASSAY WITH LIQUID/SOLID PHASE BINDING STEP	LENTRICHIA, BRIAN B.
<u>07369632</u>	Not Issued	161	06/22/1989	BINDING ASSAY WITH PARTICLES TRAPPED BY AND RESUSPENDED FROM FILTER	LENTRICHIA, BRIAN B.

Inventor Search Completed: No Records to Display.

**Search Another: Inventor**

<b>Last Name</b>	<b>First Name</b>
<input type="text" value="lentrchia"/>	<input type="text" value="brian"/>
<input type="button" value="Search"/>	

To go back use Back button on your browser toolbar.

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Search Results - Record(s) 1 through 18 of 18 returned.

1. Document ID: US 6534320 B2

L1: Entry 1 of 18

File: USPT

Mar 18, 2003

US-PAT-NO: 6534320

DOCUMENT-IDENTIFIER: US 6534320 B2

TITLE: Process for immunochromatography with colloidal particles

DATE-ISSUED: March 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ching; Shanfun	Libertyville	IL		
Billing; Patricia A.	Gurnee	IL		
Gordon; Julian	Lake Bluff	IL		

US-CL-CURRENT: [436/514](#); [435/5](#), [435/7.92](#), [436/506](#), [436/518](#), [436/524](#), [436/525](#)

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Drawn D</a>
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2. Document ID: US 6242264 B1

L1: Entry 2 of 18

File: USPT

Jun 5, 2001

US-PAT-NO: 6242264

DOCUMENT-IDENTIFIER: US 6242264 B1

TITLE: Self-assembled metal colloid monolayers having size and density gradients

DATE-ISSUED: June 5, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Natan; Michael J.	State College	PA		
Baker; Bonnie E.	Collegeville	PA		

US-CL-CURRENT: [436/171](#); [422/68.1](#), [422/82.01](#), [422/82.02](#), [422/82.03](#), [422/82.05](#),  
[422/82.08](#), [422/82.09](#), [436/164](#), [436/501](#), [436/514](#), [436/525](#), [436/86](#)

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Drawn D</a>
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 3. Document ID: US 6168956 B1

L1: Entry 3 of 18

File: USPT

Jan 2, 2001

US-PAT-NO: 6168956

DOCUMENT-IDENTIFIER: US 6168956 B1

TITLE: Multiple component chromatographic assay device

DATE-ISSUED: January 2, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chandler; Howard M.	W. Vancouver			CA

US-CL-CURRENT: 436/514; 422/56, 422/57, 435/287.1, 435/287.2, 435/6, 435/7.1,  
435/7.92, 435/7.93, 435/7.94, 435/7.95, 435/805, 435/810, 435/970, 436/518, 436/810

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<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>				<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Drawn D</a>
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 4. Document ID: US 6022477 A

L1: Entry 4 of 18

File: USPT

Feb 8, 2000

US-PAT-NO: 6022477

DOCUMENT-IDENTIFIER: US 6022477 A

\*\* See image for Certificate of Correction \*\*

TITLE: Method and apparatus for isolation purification of biomolecules

DATE-ISSUED: February 8, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Luo; Robert G.	Edison	NJ		
Sirkar; Kamalesh K.	Berkeley Heights	NJ		

US-CL-CURRENT: 210/645; 210/656

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<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>				<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Drawn D</a>
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 5. Document ID: US 6017767 A

L1: Entry 5 of 18

File: USPT

Jan 25, 2000

US-PAT-NO: 6017767

DOCUMENT-IDENTIFIER: US 6017767 A

TITLE: Assay device

DATE-ISSUED: January 25, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chandler; Howard M.	West Vancouver			CA

US-CL-CURRENT: 436/514; 422/56, 422/57, 422/58, 422/61, 435/287.7, 435/287.9,  
435/288.4, 435/288.5, 435/7.1, 435/7.2, 435/7.9, 435/7.93, 435/7.94, 435/7.95,  
435/969, 435/970, 435/973, 436/518, 436/524, 436/807, 436/809, 436/810

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [K6KC](#) | [Drawn Ds](#)

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6. Document ID: US 5998220 A

L1: Entry 6 of 18

File: USPT

Dec 7, 1999

US-PAT-NO: 5998220

DOCUMENT-IDENTIFIER: US 5998220 A

TITLE: Opposable-element assay devices, kits, and methods employing them

DATE-ISSUED: December 7, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chandler; Howard M.	West Vancouver			CA

US-CL-CURRENT: 436/514; 422/55, 422/56, 422/58, 422/61, 435/287.1, 435/287.2,  
435/287.7, 435/287.8, 435/287.9, 435/288.5, 435/7.92, 435/7.93, 435/7.94, 435/805,  
435/810, 435/970, 435/973, 435/975, 436/164, 436/169, 436/518, 436/530, 436/807,  
436/808, 436/810

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [K6KC](#) | [Drawn Ds](#)

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7. Document ID: US 5877028 A

L1: Entry 7 of 18

File: USPT

Mar 2, 1999

US-PAT-NO: 5877028

DOCUMENT-IDENTIFIER: US 5877028 A

TITLE: Immunochromatographic assay device

DATE-ISSUED: March 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chandler; Howard M.	Yarmouth	ME		
Piasio; Roger N.	Cumberland	ME		
Prouty; Karen	West Buxton	ME		

US-CL-CURRENT: 436/514, 422/56, 422/58, 422/60, 435/287.1, 435/287.2, 435/287.7,  
435/287.9, 435/7.92, 435/7.93, 435/7.94, 435/7.95, 435/805, 435/810, 435/970,  
435/975, 436/169, 436/501, 436/518, 436/805, 436/810

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) |  [Claims](#) | [KUMC](#) | [Drawn Ds](#)

8. Document ID: US 5827749 A

L1: Entry 8 of 18

File: USPT

Oct 27, 1998

US-PAT-NO: 5827749

DOCUMENT-IDENTIFIER: US 5827749 A

TITLE: Ligand assay method

DATE-ISSUED: October 27, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Akers, Jr.; Raymond F.	Sewell	NJ		

US-CL-CURRENT: 436/534, 435/4, 435/5, 435/7.32, 435/7.9, 435/970, 436/523, 436/531,  
436/533, 436/535, 436/538, 436/807, 436/825

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) |  [Claims](#) | [KUMC](#) | [Drawn Ds](#)

9. Document ID: US 5686315 A

L1: Entry 9 of 18

File: USPT

Nov 11, 1997

US-PAT-NO: 5686315

DOCUMENT-IDENTIFIER: US 5686315 A

TITLE: Assay device for one step detection of analyte

DATE-ISSUED: November 11, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pronovost; Allan D.	San Diego	CA		
Bacquet; Cathy A.	Encinitas	CA		
Pawlak; Jan W.	Cardiff-by-the Sea	CA		
Sand; Theodore T.	Poway	CA		

US-CL-CURRENT: 436/510, 435/7.1, 435/7.92, 435/969, 435/970, 436/518, 436/525,  
436/527, 436/528, 436/531, 436/534, 436/805, 436/810, 436/818

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) |  [Claims](#) | [KUMC](#) | [Drawn Ds](#)

10. Document ID: US 5677194 A

L1: Entry 10 of 18

File: USPT

Oct 14, 1997

US-PAT-NO: 5677194

DOCUMENT-IDENTIFIER: US 5677194 A

TITLE: Process for rapid measurement of trace components

DATE-ISSUED: October 14, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Satomura; Shinji	Amagasaki			JP
Katoh; Hideo	Amagasaki			JP
Nakamura; Kenji	Amagasaki			JP
Hirayasu; Kazunari	Amagasaki			JP

US-CL-CURRENT: 436/501, 435/7.92, 435/7.93, 435/7.94, 436/530, 436/536, 436/538,  
436/539, 436/540, 436/541, 436/805, 436/824, 436/827[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KIMC](#) | [Drawn D](#) 11. Document ID: US 5529752 A

L1: Entry 11 of 18

File: USPT

Jun 25, 1996

US-PAT-NO: 5529752

DOCUMENT-IDENTIFIER: US 5529752 A

TITLE: Analytical work station

DATE-ISSUED: June 25, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pontis; George	Palo Alto	CA		
Lacy; Michael	Ben Lomand	CA		
Drbal; Vladimir	Belmont	CA		
Chow; Calvin	Portola Valley	CA		
Smith; Thomas	Palo Alto	CA		
Smethers; Rick	Milpitas	CA		
Ross; Debra A.	Redwood City	CA		
Kirk; Gregory	Redwood City	CA		
Briggs; Jonathan	Los Altos	CA		
Leytes; Lev	Palo Alto	CA		
Mehta; Suresh N.	Pleasanton	CA		

US-CL-CURRENT: 422/63, 422/100, 422/101, 422/58, 422/81, 422/82.05, 436/174,  
436/177, 436/43, 436/46

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Drawn D
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12. Document ID: US 5427959 A

L1: Entry 12 of 18

File: USPT

Jun 27, 1995

US-PAT-NO: 5427959

DOCUMENT-IDENTIFIER: US 5427959 A

\*\* See image for Certificate of Correction \*\*

TITLE: Apparatus and method for measuring specimen

DATE-ISSUED: June 27, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nishimura; Matsuomi	Ohmiya			JP
Tanaka; Kazumi	Yokohama			JP
Miyazaki; Takeshi	Ebina			JP
Takayama; Hidehito	Chigasaki			JP
Ohnishi; Toshikazu	Machida			JP

US-CL-CURRENT: 436/534, 356/244, 356/246, 422/101, 422/102, 422/58, 422/72, 422/73,  
436/164, 436/165, 436/172, 436/531, 436/533, 436/536, 436/538, 436/541, 436/805,  
436/807, 436/808, 436/809, 436/810, 436/824, 436/908

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Drawn D
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13. Document ID: US 5252293 A

L1: Entry 13 of 18

File: USPT

Oct 12, 1993

US-PAT-NO: 5252293

DOCUMENT-IDENTIFIER: US 5252293 A

TITLE: Analytical slide with porous filter membrane

DATE-ISSUED: October 12, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Drbal; Vladimir	Belmont	CA	94006	
Chow; Calvin	Portola Valley	CA	94025	
Smethers; Rick	Milpitas	CA	95035	
Ross; Debra A.	Redwood City	CA	94062	
Kirk; Gregory	Redwood City	CA	94062	
Briggs, Jonathan	Los Altos	CA	94022	
Leytes; Lev	Palo Alto	CA	94306	

**US-CL-CURRENT:** 422/101; 422/56, 422/57, 422/58, 435/7.1, 435/7.5, 435/970, 436/169

Full Title Citation Front Review Classification Date Reference Claims IODIC Drawn Disc

14. Document ID: US 5246829 A

L1: Entry 14 of 18

File: USPT

Sep 21, 1993

US-PAT-NO: 5246829

DOCUMENT-IDENTIFIER: US 5246829 A

**TITLE:** Products for separation applicable to cells in the immunopurification field

DATE-ISSUED: September 21, 1993

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	ZIP CODE	COUNTRY
Delaage; Michel	Bouches-du-Rhone			FR
Drocourt; Jean-Louis	Bouches-du-Rhone			FR
Hirn; Joelle	Bouches-du-Rhone			FR
van Agthoven; Andreas	Bouches-du-Rhone			FR

US-CL-CURRENT: 435/2; 435/174, 435/177, 435/180, 435/239, 435/243, 435/30

Full Title Citation Front Review Classification Date Reference Claims KMC Drawn Date

15. Document ID: US 5198368 A

L1: Entry 15 of 18

File: USPT

Mar 30, 1993

US-PAT-NO: 5198368

DOCUMENT-IDENTIFIER: US 5198368 A

## TITLE: Methods for performing a solid-phase immunoassay

DATE-ISSUED: March 30, 1993

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	ZIP CODE	COUNTRY
Khalil; Omar S.	Libertyville	IL		
Hanna; Charles F.	Libertyville	IL		
Zurek; Thomas F.	River Forest	IL		

US-CL-CURRENT: 436/518, 422/56, 422/58, 422/947, 435/810, 436/178, 436/180,  
436/527, 436/528, 436/805, 436/807, 436/809, 436/810

Full Title Creation Front Review Classification Date Reference Claims KWIC Drawn D

16. Document ID: US 5116724 A

L1: Entry 16 of 18

File: USPT

May 26, 1992

US-PAT-NO: 5116724

DOCUMENT-IDENTIFIER: US 5116724 A

TITLE: Products for separation applicable to cells in the immunopurification field

DATE-ISSUED: May 26, 1992

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Delaage; Michel	Marseilles			FR
Drocourt; Jean-Louis	Marseilles			FR
Hirn; Joelle	Marseilles			FR
van Agthoven; Andreas	Marseilles			FR

US-CL-CURRENT: 435/2; 435/174, 435/177, 435/180, 435/239, 435/243, 435/30, 604/408,  
604/416

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KM/C	Drawn	Des
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 17. Document ID: US 5100805 A

L1: Entry 17 of 18

File: USPT

Mar 31, 1992

US-PAT-NO: 5100805

DOCUMENT-IDENTIFIER: US 5100805 A

\*\* See image for Certificate of Correction \*\*

TITLE: Quantitative immunoassay system and method for agglutination assays

DATE-ISSUED: March 31, 1992

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ziege; Garth E.	Sheridan	IN		
Andrews; Patricia C.	Camby	IN		
Indriksons; Andris	Zionsville	IN		
Kay; Lawrence E.	Greenwood	IN		
Wright; Jeffrey E.	Indianapolis	IN		
Maude; Daniel A.	Indianapolis	IN		

US-CL-CURRENT: 436/517; 422/57, 422/61, 422/62, 422/63, 422/67, 422/73, 422/82.05,  
436/531, 436/533, 436/534, 436/805, 436/807

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KM/C	Drawn	Des
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18. Document ID: US 4960692 A

L1: Entry 18 of 18

File: USPT

Oct 2, 1990

US-PAT-NO: 4960692

DOCUMENT-IDENTIFIER: US 4960692 A

TITLE: Assay employing binding pair members on particles and on a filter or membrane

DATE-ISSUED: October 2, 1990

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lentrchia; Brian B.	Mahwah	NJ		
Turanchik; Michael F.	Stoney Point	NY		

US-CL-CURRENT: 435/7.92; 435/7.5, 435/7.93, 435/7.94, 435/810, 435/975, 436/518,  
436/528, 436/531, 436/533, 436/808

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KUMC](#) | [Drawn D](#)

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1. Document ID: US 20050136405 A1

L2: Entry 1 of 52

File: PGPB

Jun 23, 2005

DOCUMENT-IDENTIFIER: US 20050136405 A1

TITLE: Novel method for the detection of cancer biomarkers in cervical specimens

INVENTOR:

Lentrichia, Brian

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

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2. Document ID: US 20050069900 A1

L2: Entry 2 of 52

File: PGPB

Mar 31, 2005

DOCUMENT-IDENTIFIER: US 20050069900 A1

TITLE: Analyte sample detection

INVENTOR:

Lentrichia, Brian B.

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

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3. Document ID: US 20050069867 A1

L2: Entry 3 of 52

File: PGPB

Mar 31, 2005

DOCUMENT-IDENTIFIER: US 20050069867 A1

TITLE: Apparatus and method for separating viral particles from cells

INVENTOR:

Lentrichia, Brian B.

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

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 4. Document ID: US 20040115692 A1

L2: Entry 4 of 52

File: PGPB

Jun 17, 2004

DOCUMENT-IDENTIFIER: US 20040115692 A1

TITLE: Methods, compositions and apparatuses for detecting a target in a preservative solution

INVENTOR:Lentrichia, Brian B.

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn D.
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 5. Document ID: US 20030143529 A1

L2: Entry 5 of 52

File: PGPB

Jul 31, 2003

DOCUMENT-IDENTIFIER: US 20030143529 A1

TITLE: Detection and typing of human papillomavirus using PNA probes

INVENTOR:Lentrichia, Brian

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn D.
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 6. Document ID: US 20030108866 A1

L2: Entry 6 of 52

File: PGPB

Jun 12, 2003

DOCUMENT-IDENTIFIER: US 20030108866 A1

TITLE: Detection and typing of human papillomavirus using PNA probes

INVENTOR:Lentrichia, Brian

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn D.
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 7. Document ID: US 20020155427 A1

L2: Entry 7 of 52

File: PGPB

Oct 24, 2002

DOCUMENT-IDENTIFIER: US 20020155427 A1

TITLE: Detection and typing of human papillomavirus using PNA probes

INVENTOR:

Lentrichia, Brian

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

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8. Document ID: US 20020150937 A1

L2: Entry 8 of 52

File: PGPB

Oct 17, 2002

DOCUMENT-IDENTIFIER: US 20020150937 A1

TITLE: Nucleic acid extraction solution and use thereof

INVENTOR:

Lentrichia, Brian

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

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9. Document ID: US 20010002316 A1

L2: Entry 9 of 52

File: PGPB

May 31, 2001

DOCUMENT-IDENTIFIER: US 20010002316 A1

TITLE: Light scatter-based immunoassay

Summary of Invention Paragraph:

[0009] The presence of interfering substances in body fluids however, has inhibited otherwise promising homogeneous immunoassay approaches from meeting the high sensitivity requirements of many medically important tests, such as are met by ELISA and RIA. For reviews of this problem see, for example, Masson et al., Methods in Enzymology, 74:115(1981) and Collett-Cassart et al., Clin Chem., 27:64 (1981). By contrast, methods according to preferred embodiments of the present invention provide immunoassays that can be free from non-specific interferences, at least to a sensitivity level of about  $5 \times 10^{-13}$  M. This level of sensitivity is two to three orders of magnitude greater than prior art homogeneous latex bead agglutination assays. See, e.g., alpha-fetoprotein ( $3 \times 10^{-10}$  M, Collett-Cassart et al., above), urinary HCG ( $6 \times 10^{-11}$  M, Lentrichia et al., J. Immunol. Meth., 89:657(1986) (but exhibiting only an 87% correlation with RIA at analyte levels 20 times the claimed sensitivity limit), and serum digoxin by a fluorescence depolarization method ( $3 \times 10^{-10}$  M, S. Wong in D. Chan, ed., Immunoassay Automation, Academic Press, 1992, p. 329).

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

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10. Document ID: US 6939672 B2

L2: Entry 10 of 52

File: USPT

Sep 6, 2005

DOCUMENT-IDENTIFIER: US 6939672 B2

TITLE: Nucleic acid extraction solution and use thereof

INVENTOR (1):Lentrchia; BrianInventor Group (1):Lentrchia; Brian Acton MAOther Reference Publication (1):

Lentrchia BB et al, "Detection of Chlamydia trachomatis and Neisseria gonorrhoea from liquid-based Pap collection using a novel extraction method and rapid thermal cycling with real-time detection by molecular Beacons", International Journal of Std & AIDS, vol. 12, No. Supplemental 2, 2001, p. 115, XP00811932.

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) |  | [Claims](#) | [KWMC](#) | [Drawn D](#)

 11. Document ID: US 6936443 B2

L2: Entry 11 of 52

File: USPT

Aug 30, 2005

DOCUMENT-IDENTIFIER: US 6936443 B2

TITLE: Detection and typing of human papillomavirus using PNA probes

INVENTOR (2):Lentrchia; BrianInventor Group (2):Lentrchia; Brian Acton MA

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) |  | [Claims](#) | [KWMC](#) | [Drawn D](#)

 12. Document ID: US 6534320 B2

L2: Entry 12 of 52

File: USPT

Mar 18, 2003

DOCUMENT-IDENTIFIER: US 6534320 B2

TITLE: Process for immunochromatography with colloidal particles

US Reference Patentee Name (29):Lentrchia et al.US Reference Group (29):

4960692 19901000 Lentrichia et al. 435/7

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>				<a href="#">Claims</a>	<a href="#">KINIC</a>	<a href="#">Drawn D</a>
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13. Document ID: US 6242264 B1

L2: Entry 13 of 52

File: USPT

Jun 5, 2001

DOCUMENT-IDENTIFIER: US 6242264 B1

TITLE: Self-assembled metal colloid monolayers having size and density gradients

US Reference Patentee Name (3):Lentrichia et al.US Reference Group (3):4960692 19901000 Lentrichia et al. 436/518

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>				<a href="#">Claims</a>	<a href="#">KINIC</a>	<a href="#">Drawn D</a>
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14. Document ID: US 6200820 B1

L2: Entry 14 of 52

File: USPT

Mar 13, 2001

DOCUMENT-IDENTIFIER: US 6200820 B1

\*\* See image for Certificate of Correction \*\*

TITLE: Light scatter-based immunoassay

Brief Summary Text (9):

The presence of interfering substances in body fluids however, has inhibited otherwise promising homogeneous immunoassay approaches from meeting the high sensitivity requirements of many medically important tests, such as are met by ELISA and RIA. For reviews of this problem see, for example, Masson et al., Methods in Enzymology, 74:115(1981) and Collett-Cassart et al., Clin Chem., 27:64 (1981). By contrast, methods according to preferred embodiments of the present invention provide immunoassays that can be free from non-specific interferences, at least to a sensitivity level of about  $5 \times 10^{-13}$  M. This level of sensitivity is two to three orders of magnitude greater than prior art homogeneous; latex bead agglutination assays. See, e.g., alpha-fetoprotein ( $3 \times 10^{-10}$  M, Collett-Cassart et al., above), urinary HCG ( $6 \times 10^{-11}$  M, Lentrichia et al., J. Immunol Meth., 89:657(1986) (but exhibiting only an 87% correlation with RIA at analyte levels 20 times the claimed sensitivity limit), and serum digoxin by a fluorescence depolarization method ( $3 \times 10^{-10}$  M, S. Wong in D. Chan, ed., Immunoassay Automation, Academic Press, 1992, p. 329).

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>				<a href="#">Claims</a>	<a href="#">KINIC</a>	<a href="#">Drawn D</a>
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## □ 15. Document ID: US 6168956 B1

L2: Entry 15 of 52

File: USPT

Jan 2, 2001

DOCUMENT-IDENTIFIER: US 6168956 B1

TITLE: Multiple component chromatographic assay device

US Reference Patentee Name (286):Lentrchia et al.US Reference Group (286):4960692 19901000 Lentrchia et al. 435/7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Drawn	De
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## □ 16. Document ID: US 6022477 A

L2: Entry 16 of 52

File: USPT

Feb 8, 2000

DOCUMENT-IDENTIFIER: US 6022477 A

\*\* See image for Certificate of Correction \*\*

TITLE: Method and apparatus for isolation purification of biomolecules

US Reference Patentee Name (2):Lentrchia et al.US Reference Group (2):4960692 19901000 Lentrchia et al.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Drawn	De
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## □ 17. Document ID: US 6017767 A

L2: Entry 17 of 52

File: USPT

Jan 25, 2000

DOCUMENT-IDENTIFIER: US 6017767 A

TITLE: Assay device

US Reference Patentee Name (284):Lentrchia et al.US Reference Group (284):4960692 19901000 Lentrchia et al.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Drawn	De
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**□ 18. Document ID: US 5998220 A**

L2: Entry 18 of 52

File: USPT

Dec 7, 1999

DOCUMENT-IDENTIFIER: US 5998220 A

TITLE: Opposable-element assay devices, kits, and methods employing them

US Reference Patentee Name (286):Lentrchia et al.US Reference Group (286):4960692 19901000 Lentrchia et al. 435/7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Drawer
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**□ 19. Document ID: US 5877028 A**

L2: Entry 19 of 52

File: USPT

Mar 2, 1999

DOCUMENT-IDENTIFIER: US 5877028 A

TITLE: Immunochemical assay device

US Reference Patentee Name (279):Lentrchia et al.US Reference Group (279):4960692 19901000 Lentrchia et al. 435/7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Drawer
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**□ 20. Document ID: US 5827749 A**

L2: Entry 20 of 52

File: USPT

Oct 27, 1998

DOCUMENT-IDENTIFIER: US 5827749 A

TITLE: Ligand assay method

US Reference Patentee Name (38):Lentrchia et al.US Reference Group (38):4960692 19901000 Lentrchia et al. 435/7.92

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Search](#) | [Print](#) | [Claims](#) | [KWIC](#) | [Drawn](#)

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